

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark OfficeAtty. Docket No.
8002.10103Serial No.
09/401,039INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)Applicants: Michael L. Obradovich
Michael L. Kent
John G. Dinkel

Filing Date 9/21/99

Group 3661

JCS25 U.S. PTO
09/401039
09/21/99

U.S. PATENT DOCUMENTS

| *Exam. Init. | Document No. | | | | | | | Date | Name | Class | Subclass | Filing Date if Appropriate |
|-----------------|--------------|---|---|---|---|---|---|----------|-----------------|-------|----------|-------------------------------|
| JCS | 5 | 4 | 0 | 4 | 4 | 4 | 3 | 4-4-95 | Hirata | 345 | 327 | |
| | 5 | 2 | 7 | 4 | 5 | 6 | 0 | 12-28-93 | LaRue | 701 | 202 | |
| | 5 | 4 | 4 | 2 | 5 | 5 | 3 | 8-15-95 | Parillo | 455 | 420 | |
| | 5 | 5 | 5 | 5 | 5 | 0 | 2 | 9-10-96 | Opel | 701 | 36 | |
| | 4 | 8 | 2 | 7 | 5 | 2 | 0 | 5-2-89 | Zeinstra | 701 | 1 | |
| | 5 | 2 | 1 | 4 | 7 | 0 | 7 | 5-25-93 | Fujimoto et al. | 701 | 275 | |
| | 5 | 5 | 5 | 5 | 1 | 7 | 2 | 9-10-96 | Potter | 455 | 456 | |
| | 5 | 5 | 3 | 9 | 8 | 6 | 9 | 7-23-96 | Spoto et al. | 345 | 336 | |
| | 5 | 5 | 3 | 4 | 8 | 8 | 8 | 7-9-96 | Lebby et al. | 345 | 121 | |
| JCS | 5 | 5 | 2 | 8 | 4 | 9 | 6 | 6-18-96 | Brauer et al. | 701 | 32 | |

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| Document No. | | | | | | | Date | Country | Class | SubClass | Translator Yes No | |
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| JCS | | M. Krebs, "Cars That Tell You Where to Go," <u>The New York Times</u> , December 15, 1996, section 11, page 1. |
| JCS | | L. Kraar, "Knowledge Engineering," <u>Fortune</u> , October 28, 1996, pp. 163-164. |
| JCS | | S. Heuchert, "Eyes Forward: An ergonomic solution to driver information overload," <u>Society of Automobile Engineering</u> , September 1996, pp. 27-31. |
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Examiner

JACQUES H. LOUIS-JACQUES
PRIMARY EXAMINER

Date Considered

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--Continued--

Applicants: Michael L. Obradovich
Michael L. Kent
John G. Dinkel

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|-----------------|--------------|---|---|---|---|---|---|--|----------|-----------------|-------|----------|-------------------------------|
| JCS | 5 | 5 | 5 | 5 | 2 | 8 | 6 | | 9-10-96 | Tendler | 455 | 404 | |
| | 5 | 4 | 5 | 0 | 3 | 2 | 9 | | 9-12-95 | Tanner | 701 | 213 | |
| | 5 | 4 | 7 | 9 | 4 | 8 | 2 | | 12-26-95 | Grimes | 345 | 7 | |
| | 5 | 5 | 7 | 9 | 5 | 3 | 5 | | 11-26-96 | Orlen et al. | 345 | 7 | |
| | 5 | 5 | 7 | 2 | 2 | 0 | 4 | | 11-5-96 | Timm et al. | 346 | 988 | |
| | 5 | 5 | 1 | 9 | 4 | 0 | 3 | | 5-21-96 | Bickley et al. | 342 | 352 | |
| | 5 | 2 | 9 | 9 | 1 | 3 | 2 | | 3-29-94 | Wortham | 455 | 457 | |
| | 5 | 3 | 3 | 4 | 9 | 7 | 4 | | 8-2-94 | Simms et al. | 340 | 990 | |
| | 5 | 2 | 3 | 5 | 6 | 3 | 3 | | 8-10-93 | Dennison et al. | 455 | 456 | |
| JCS | 5 | 1 | 1 | 9 | 5 | 0 | 4 | | 6-2-92 | Durboraw, III | 455 | 572 | |

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|----------------|--------------|---|---|---|---|---|---|--|---------|----------------|-------|----------|-------------------------------|
| JL | 5 | 0 | 4 | 3 | 7 | 3 | 6 | | 8-27-91 | Darnell et al. | 342 | 357.1 | |
| JL | 5 | 5 | 2 | 8 | 2 | 4 | 8 | | 6-18-96 | Steiner et al. | 342 | 357.06 | |
| JL | 5 | 3 | 4 | 5 | 8 | 1 | 7 | | 09/94 | Grenn et al. | 73 | 117.3 | |
| JL | 4 | 9 | 9 | 6 | 9 | 5 | 9 | | 03/91 | Akimoto | 73 | 118.2 | |
| JL | 4 | 9 | 9 | 5 | 2 | 5 | 8 | | 02/91 | Frank | 73 | 118.2 | |
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|-----------------|--------------|---|---|---|---|---|---|--|---------|-------------------|-------|----------|-------------------------------|
| JCS | 5 | 5 | 0 | 6 | 5 | 9 | 5 | | 4-9-96 | Fukano et al. | 345 | 7 | |
| | 4 | 8 | 1 | 8 | 0 | 4 | 8 | | 4-4-89 | Moss | 345 | 7 | |
| | 5 | 5 | 1 | 9 | 4 | 1 | 0 | | 5-21-96 | Smalanskas et al. | 342 | 352 | |
| | 5 | 5 | 0 | 4 | 6 | 2 | 2 | | 4-2-96 | Oikawa et al. | 359 | 630 | |
| | 5 | 4 | 9 | 7 | 2 | 7 | 1 | | 3-5-96 | Mulvanny et al. | 345 | 7 | |
| | 5 | 4 | 8 | 6 | 8 | 4 | 0 | | 1-23-96 | Borrego et al. | 345 | 7 | |
| | 5 | 4 | 0 | 0 | 0 | 4 | 5 | | 3-21-95 | Aoki | 345 | 7 | |
| | 5 | 2 | 7 | 8 | 5 | 3 | 2 | | 1-11-94 | Hegg. et al. | 345 | 7 | |
| | 5 | 2 | 1 | 4 | 4 | 1 | 3 | | 5-25-93 | Okabayashi et al. | 345 | 7 | |
| JCS | 5 | 1 | 9 | 8 | 7 | 9 | 7 | | 3-30-93 | Daidoji | 345 | 7 | |

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|-----------------|--------------|---|---|---|---|---|---|--|----------|--------------|------------|----------|-------------------------------|
| <u>SC</u> | 5 | 0 | 7 | 0 | 3 | 2 | 3 | | 12-3-91 | Iino et al. | <u>345</u> | <u>7</u> | |
| | 5 | 0 | 5 | 1 | 7 | 3 | 5 | | 9-24-91 | Furukawa | <u>345</u> | <u>7</u> | |
| | 4 | 9 | 8 | 8 | 9 | 7 | 6 | | 1-29-91 | Lu | <u>345</u> | <u>7</u> | |
| | 4 | 8 | 7 | 6 | 5 | 9 | 4 | | 10-24-89 | Schiffman | <u>345</u> | <u>7</u> | |
| | 4 | 8 | 3 | 7 | 5 | 5 | 1 | | 6-6-89 | Iino | <u>345</u> | <u>7</u> | |
| | 4 | 7 | 4 | 0 | 7 | 8 | 0 | | 4-26-88 | Brown et al. | <u>345</u> | <u>7</u> | |
| <u>JC</u> | 4 | 4 | 0 | 7 | 5 | 6 | 4 | | 10-4-83 | Ellis | <u>345</u> | <u>7</u> | |
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|-----------------|--------------|---|---|---|---|---|---|----------|------------------|------|-------|----------|-------------------------------|
| JLJ | 5 | 2 | 5 | 7 | 1 | 9 | 0 | 10-26-93 | Crane | 901 | 35 | | |
| | 5 | 4 | 5 | 0 | 3 | 2 | 1 | 9-12-95 | Crane | 701 | 35 | | |
| | 4 | 7 | 3 | 1 | 7 | 6 | 9 | 3-15-88 | Schaefer et al. | 369 | 6 | | |
| | 5 | 0 | 0 | 6 | 8 | 2 | 9 | 4-9-91 | Miyamoto et al. | 340 | 459 | | |
| | 4 | 4 | 0 | 1 | 8 | 4 | 8 | 8-30-83 | Tsunoda | 704 | 274 | | |
| | 5 | 4 | 5 | 0 | 6 | 1 | 3 | 9-12-95 | Takahara et al. | 455 | 517 | | |
| | 4 | 9 | 1 | 4 | 7 | 0 | 5 | 4-3-90 | Nigawara | 704 | 270 | | |
| | 4 | 3 | 1 | 4 | 2 | 3 | 2 | 22-2-82 | Tsunoda | 704 | 274 | | |
| | 5 | 7 | 7 | 7 | 3 | 9 | 4 | 7-7-98 | Arold | 307 | 10-1 | | |
| JLJ | 5 | 3 | 3 | 5 | 7 | 4 | 3 | 8-9-94 | Gillbrand et al. | 180 | 178 | | |

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| JLJ | 4 | 4 | 3 | 1 | 0 | 7 | 0 | 3-7-96 | Germany | | | | X | |
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|-----------------|--------------|---|---|---|---|---|---|--|----------|--------------------|-------|----------|-------------------------------|
| JW | 5 | 6 | 5 | 4 | 7 | 1 | 5 | | 8-5-97 | Hayashikura et al. | 342 | 70 | |
| | 5 | 6 | 3 | 8 | 3 | 0 | 5 | | 6-10-97 | Kobayashi et al. | 364 | 528.15 | |
| | 5 | 6 | 8 | 9 | 2 | 5 | 2 | | 11-18-97 | Ayanoglu et al. | 340 | 991 | |
| | 5 | 6 | 4 | 8 | 7 | 6 | 9 | | 7-15-97 | Sato et al. | 340 | 988 | |
| | 5 | 7 | 5 | 2 | 7 | 5 | 4 | | 5-19-98 | Amitani et al. | 303 | 199 | |
| | 5 | 7 | 5 | 8 | 3 | 1 | 1 | | 5-26-98 | Tsuji et al. | 701 | 111 | |
| | 5 | 6 | 2 | 7 | 5 | 4 | 7 | | 5-6-97 | Ramaswamy et al. | 342 | 357.08 | |
| | 5 | 6 | 5 | 0 | 9 | 2 | 9 | | 7-22-97 | Potter et al. | 455 | 456 | |
| | 5 | 5 | 5 | 3 | 6 | 6 | 1 | | 9-10-96 | Beyerlein et al. | 165 | 203 | |
| | 5 | 6 | 6 | 6 | 1 | 0 | 2 | | 9-9-97 | Lahiff | 340 | 461 | |
| JW | 5 | 6 | 9 | 1 | 6 | 9 | 5 | | 11-25-97 | Lahiff | 340 | 461 | |

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